Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	(duty adj ratio).ab. and (PWM (pulse adj width adj modulation)) and ((maximum and minimum) adj (value variation ratio rate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/14 10:25
S277	2	S276 and (pwm (pulse adj widty adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:17
S276	16	S275 and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:17
S275	49	S269 and S270 and S271	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:17
S273	1	S269 and S270 and S271 and S272	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:17
S274	1	S273 and pwm	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:15
S272	35937	(inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:13
S271	316048	(increas$3 decreas$3 chang$3) adj3 rate	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:13
S270	66894	((maximum and minimum) adj3 value)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:12
S269	936	(decrease increase) near (duty adj3 ratio)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:11
S268	19	("4409535" | "4419615" | "4641075" | "4734633" | "4779183" | "4808903" | "4847743").PN. OR ("5650708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:11
S267	2	(((predetermined fixed) adj3 (rate ratio value)) near3 ((duty adj ratio))) and ((PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio)) and (maximum adj value adj (duty adj ratio)) and (minimum adj value) and (inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 19:40

S26 6	1	((predetermined adj3 (rate ratio value)) near3 ((duty adj ratio))) and ((PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio)) and (maximum adj value adj (duty adj ratio)) and (minimum adj value) and (inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 19:40
S26 5	2	((rate ratio value) near3 ((duty adj ratio))) and ((PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio)) and (maximum adj value adj (duty adj ratio)) and (minimum adj value) and (inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 19:38
S26 4	26	((rate ratio value) near3 ((duty adj ratio))) and ((PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio)) and (maximum adj (value (duty adj ratio))) and (minimum adj value) and (inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:27
S26 3	91	((rate ratio value) near3 ((duty adj ratio))) and ((PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio)) and (maximum adj value) and (minimum value) and (inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:23
S26 2	0	((rate ratio value) near3 ((duty adj ratio))) and (((first and second) near(value target (target adj value))) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio)) and (maximum adj value) and (minimum value) and (inverter H$1bridge (h adj bridge)) and motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:10
S25 7	17	((rate ratio value) near3 ((duty adj ratio))) and (((first and second) near(value target (target adj value))) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:08
S26 1	9	((predetermined adj (rate ratio increase value)) with (increase decrease PWM)) and (((first and second)) with (PWM (pulse adj3 width adj3 modulation))) and (maximum adj value) and (minimum adj value) and (inverter)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:03

S259	37	((predetermined adj (rate ratio increase value)) with (increase decrease PWM)) and (((first and second)) with (PWM (pulse adj3 width adj3 modulation))) and (maximum adj value) and (minimum adj value)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:03
S260	25	S259 not S257	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:01
S250	276	((predetermined adj (rate ratio increase value)) with (increase decrease PWM)) and (((first and second)) with (PWM (pulse adj3 width adj3 modulation)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 18:00
S258	0	S257 not S256	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:58
S256	17	((rate ratio value) near3 (increase decrease (duty adj ratio))) and (((first and second) near(value target (target adj value))) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:58
S255	14	((rate ratio value) near3 (increase decrease)) and (((first and second) near(value target (target adj value))) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:57
S254	17	((rate ratio increase value) with (increase decrease (duty adj ratio))) and (((first and second) near(value target (target adj value))) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:45
S253	16	((predetermined adj3 (rate ratio increase value)) with (increase decrease (duty adj ratio))) and (((first and second) near(value target (target adj value))) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:45
S252	52	((predetermined adj3 (rate ratio increase value)) with (increase decrease (duty adj ratio))) and ((first and second) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:36

S25 1	27	((predetermined adj (rate ratio increase value)) with (increase decrease PWM)) and ((first and second) with (PWM (pulse adj3 width adj3 modulation)) same (duty adj3 ratio))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:28
S24 9	15	((predetermined adj (rate ratio)) with increase) and (((first and second)) with (PWM (pulse adj3 width adj3 modulation)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 16:59
S24 8	26	((predetermined adj (rate ratio)) with increase) and (((first second)) with (PWM (pulse adj3 width adj3 modulation)))	US-PGPUB; USPAT; USOCR .	OR	ON	2005/07/12 16:50
S24 7	184	(predetermined adj (rate ratio)) and (((first second)) with (PWM (pulse adj3 width adj3 modulation)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 16:44
S24 6	5	(predetermined adj (rate ratio)) and (((first second) adj3 (value)) with (PWM (pulse adj3 width adj3 modulation)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 16:44
S24 3	3624	(predetermined adj (rate ratio)) and ((first second) adj3 (value))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 16:35
S24 5	27	S244 and (PWM (pulse adj3 width adj3 modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 16:34
S24 4	94	S243 and (dc adj3 motor)	US-PGPUB; USPAT.; USOCR	OR	ON	2005/07/12 16:33
S22 2	11	"5600634"	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 16:31
S24 2	9	((pwm (pulse adj3 width adj3 modulation)) near3(rate ratio)) and (predetermin$2 adj (ratio rate)) and ((first and second) with (value)) and dc adj3 motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:53
S24 1	3	air adj3 door and S214	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:52
S23 0	11701	air adj3 door	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:52

S219	41	((pwm (pulse adj3 width adj3 modulation)) near3(rate ratio)) and (predetermin$2 adj (ratio rate)) and ((first and second) with (value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:52
S240	0	("2004/0189225").URPN.	USPAT	OR	ON	2005/07/12 15:25
S239	0	((pwm (pulse adj3 width adj3 modulation)) with (rate ratio)) and (predetermin$2 adj (ratio rate)) and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:18
S238	0	S219 and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:17
S237	0	S218 and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:17
S236	0	S217 and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:17
S235	0	S216 and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:17
S234	0	S214 and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:17
S233	0	S218 and S232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 15:17
S232	37	S228 and S225	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:15
S228	2049	air adj3 mix$3 adj3 door	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:14

S23 1	5	S230 and S227	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:13
S22 9	2	S227 and S228	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:11
S22 7	3541	S226 and S225	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:10
S22 6	175783	angular adj3 position	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:10
S22 5	59232	dc adj3 motor	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2005/07/12 15:10
S22 4	31192	DC adj3 motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 15:10
S22 3	20	("3967058" | "4575860" | "4809304" | "4972408" | "5086427" | "5121386" | "5268937" | "5315299" | "5329525" | "5390185").PN. OR ("5600634"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 15:09
S22 1	23	("4992944" | "5040629" | "5076381" | "5150021" | "5303156" | "5485067" | "5507359" | "5675699").PN. OR ("6013994"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 15:02
S22 0	2	("6013994").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/12 15:00
S21 8	138	((pwm (pulse adj3 width adj3 modulation)) same (rate ratio)) and (predetermin$2 adj (ratio rate)) and ((first and second) with (value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 14:46

S21 7	8	(air adj3 condition$3) and ((pwm (pulse adj3 width adj3 modulation)) same (rate ratio)) and (predetermin$2 adj (ratio rate)) and ((first and second) with (value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 14:46
S21 6	18	(air adj3 condition$3) and (pwm (pulse adj3 width adj3 modulation)) and (predetermin$2 adj (ratio rate)) and ((first and second) with (value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 14:44
S21 5	34	(air adj3 condition$3) and (pwm (pulse adj3 width adj3 modulation)) and (predetermin$2 adj (ratio rate)) and ((first second) with (value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 14:03
S21 4	49	(air adj3 condition$3) and (pwm (pulse adj3 width adj3 modulation)) and (predetermin$2 adj (ratio rate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/12 14:03
S21 3	21	S212 and (duty adj3 ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:49
S21 2	59	S211 and "318"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:49
S21 1	228	S208 and (H adj3 bridge H$bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:47
S20 8	4143	(pwm (pulse adj3 width adj3 modulation)) and (predetermined with (rate ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:46
S21 0	18	S208 and S209	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:40
S20 9	11242	((air adj3 condition$3 (a/c) (ac)) with door)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:39

S206	14	((air adj3 condition$3 (a/c) (ac)) with door) and (pwm (pulse adj3 width adj3 modulation)) and (predetermined with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:39
S207	14	((air adj3 condition$3) with door) and (pwm (pulse adj3 width adj3 modulation)) and (predetermined with (rate ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:36
S205	10	((air adj3 condition$3) with door) and (pwm (pulse adj3 width adj3 modulation)) and (predetermined with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 21:24
S204	2	"20040189225"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 19:29
S203	6	S202 not S201	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 19:29
S202	10	((air adj3 condition$3) with door) and (pwm (pulse adj3 width adj3 modulation)) and (predetermined with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 19:11
S201	4	((air adj3 condition$3) with door) and (H adj3 bridge (H$bridge)) and(pwm (pulse adj3 width adj3 modulation)) and (predetermined with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 19:10
S199	17	((air adj3 condition$3) with door) and (H adj3 bridge (H$bridge)) and(pwm (pulse adj3 width adj3 modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 19:06
S200	1	"5828192".PN.	USPAT; USOCR	OR	ON	2005/07/08 18:46
S198	22	(air adj3 condition$3) and (H adj3 bridge (H$bridge)) and radio and (pwm (pulse adj3 width adj3 modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 18:42
S196	21	(air adj3 condition$3)and (H adj3 bridge (H$bridge)) and radio and (pwm (pulse adj3 width adj3 modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 18:36

S19 7	19	S196 not (S194 S193)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 16:06
S19 4	10	(air adj3 condition$3) and (electric adj3 motor) and (H adj3 bridge (H$bridge)) and radio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 16:05
S19 5	8	S194 not S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:57
S19 1	59	(air adj3 condition$3) and (electric adj3 motor) and (H adj3 bridge (H$bridge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:56
S19 3	2	S192 and radio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:55
S19 2	17	S191 and "318"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:55
S19 0	4	S187 and (air adj3 condition$3) and (electric adj3 motor) and (H adj3 bridge (H$bridge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:51
S18 9	4	S187 and (air adj3 condition$3) and (electric adj3 motor) and (H adj3 bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:51
S18 8	4	S187 and (air adj3 condition$3) and (electric adj3 motor) and (car vehicle automobile) and (H adj3 bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/29 15:50

S18 7	42	(US-20010052814-$ or US-20020030457-$ or US-20020051368-$ or US-20020064756-$ or US-20020124580-$ or US-20020150478-$ or US-20030175124-$ or US-20040244771-$).did. or (US-4823056-$ or US-4972133-$ or US-5153492-$ or US-5281902-$ or US-5369349-$ or US-5469840-$ or US-5552683-$ or US-5589805-$ or US-5798623-$ or US-5847521-$ or US-5880565-$ or US-5886504-$ or US-5977737-$ or US-6013994-$ or US-6018200-$ or US-6072292-$ or US-6078154-$ or US-6104152-$ or US-6118186-$ or US-6124688-$ or US-6134491-$ or US-6140795-$ or US-6175272-$ or US-6260644-$ or US-6285154-$ or US-6288508-$). did. or (US-6291960-$ or US-6324908-$ or US-6325470-$ or US-6333617-$ or US-6335599-$ or US-6476571-$ or US-6496340-$ or US-6525501-$).did.	US-PGPUB; USPAT	OR	ON	2005/06/29 15:19
S18 6	10	S185 and (duty adj3 ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/14 14:43
S18 5	45	S181 S182 S183 S184	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/14 14:42
S18 4	3	("3199722").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/14 13:44
S18 3	0	"3199722"	JPO	OR	ON	2005/06/14 13:43
S18 2	3	S181 and radio and pwm	US-PGPUB; USPAT	OR	ON	2005/06/14 13:43

| S18 1 | 42 | (US-20010052814-$ or US-20020030457-$ or US-20020051368-$ or US-20020064756-$ or US-20020124580-$ or US-20020150478-$ or US-20030175124-$ or US-20040244771-$).did. or (US-4823056-$ or US-4972133-$ or US-5153492-$ or US-5281902-$ or US-5369349-$ or US-5469840-$ or US-5552683-$ or US-5589805-$ or US-5798623-$ or US-5847521-$ or US-5880565-$ or US-5886504-$ or US-5977737-$ or US-6013994-$ or US-6018200-$ or US-6072292-$ or US-6078154-$ or US-6104152-$ or US-6118186-$ or US-6124688-$ or US-6134491-$ or US-6140795-$ or US-6175272-$ or US-6260644-$ or US-6285154-$ or US-6288508-$). did. or (US-6291960-$ or US-6324908-$ or US-6325470-$ or US-6333617-$ or US-6335599-$ or US-6476571-$ or US-6496340-$ or US-6525501-$).did. | US-PGPUB; USPAT | OR | ON | 2005/06/14 12:30 |